

# TC 4.5 Solar Heat Gain Subcommittee Meeting

Monday, January 27, 2003  
3:25 – 4:15 p.m.

Room Sandburg 7  
Palmer House Hilton  
Chicago, Illinois

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## *Attendees[17]*

Mike Collins/Univ. of Waterloo (Chair)  
Joe Klems/LBNL  
Dave Tait/Tait Solar Inc.  
Howdy Goudey/LBNL  
Peter Lyons/Australian Window Association  
Anil Parekh/NRCan  
Charlie Circija/Univ. of Massachusetts  
Joseph Deringer/ ??  
Bipin Shah/NFRC

John Hogan/City of Seattle  
Ross McCluney/FSEC  
Robert Busby/Kalwall  
Christian Kohler/LBNL  
William duPont/LBNL  
Richard Troyer/ATI  
Brian Crooks/Cardinal  
Chris Mathis/ ??

## **I. Meeting Started at 3:20 p.m.**

- Introductions and Anil Parekh agreed to be secretary.

## **II. Approval of minutes from last meeting, Honolulu, Hawaii, June 24, 2002:**

- No meeting or minutes to approve.

## **III. SHG Test Procedure Task Group:**

- Report by Willie duPont. NFRC 201 Round Robin testing of solar calorimeters will soon begin and will lead to accreditation of labs by the NFRC.
- A new draft is soon to follow from the NFRC and ASTM.
- Further discussion to take place at SHG Test Procedure Task Group Meeting.

## **IV. Research Projects:**

### A) RP-947:

- Report by David Tait. RP-947 has been completed and the final report submitted to the Program Monitoring Subcommittee.

### B) TRP-1143:

- Report by Willie duPont. A bidder (Chris Gueymard) was selected, but not voted on by the RAC due to a lack of Quorum at the last meeting, Honolulu, Hawaii, June 24, 2002. The RAC should vote at this ASHRAE meeting.
- Joe Klems raised the issue of a Project Monitoring Subcommittee. A committee consisting of Willie duPont (chair), Ross McCluney, Brian Crooks, Mike Collins, and David Tait was selected, and will be approved by vote at the TC4.5 Meeting.

C) RTAR 2004-12:

- Report by Joe Klems. The RTAR was forwarded to this committee by the Research and Planning Subcommittee. It is requested that TC4.5 send a letter of support for the research. TC4.1 will have an email vote on the work.
- Mike Collins and Peter Lyons raised concerns that this project would be redundant to current efforts between Queen's Univ. and the Univ. of Waterloo. Joe does not feel that the work is redundant as it applies more to load calculation. John Hogan and Ross McCluney indicated that TC4.1 should be made aware of ongoing research in this area.
- John Hogan raised concerns that TC4.1 would ignore TC4.5 methodology.
- A letter of support is to be sent upon review of the RTAR by TC4.5 members (by Feb. 13, 2003).
- Joe Klems was appointed to represent TC4.5 interests on the PMS.

**V. Handbook Issues:**

- Report by Charlie Curcija. Tables 13 and 4 need to be updated to agree with new standard ISO window sizes. Sue Reilly was working on this, but has not been involved lately and the work is incomplete. Concern over the volume of work needed to update the tables was expressed.
- Bipin Shah, Joe Deringer, and Chris Mathis agreed to examine present tables and look for best way to proceed. The issue was forwarded to Handbook Subcommittee for discussion.

**VI. Next Meeting:**

- June 30<sup>th</sup>, 2003 in Kansas City.

**VII. New Business:**

- An update was requested on the tubular skylight work. Ross McCluney reported that he was working on it and would report on those efforts (hopefully) at the next meeting. It was acknowledged that Steve Harrison was also working on this topic and had submitted an RTAR.

**VII. Adjourn**

- Adjourned at 4:20 p.m.